



# आरत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 42]

मई विस्ती, अनिवार, अक्टूबर 15, 1966 (मार्गिन 23, 1888)

No. 42]

NEW DELHI, SATURDAY, OCTOBER 15, 1966 (ASVINA 23, 1888)

इस भाग में इन पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकालन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

पेटेन्ट कार्पोरेशन द्वारा जारी की गई पेटेन्टों और डिजाइनों से संबंधित अधिसूचनाएं और नोटिस

## Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 15th October 1966

## Corrigenda

In the Gazette of India Part III Section 2 dated the 17th September 1966 under the heading "Copyright extended for 2nd period of 5 years" in Class 1 and Design No. 111611 for 2nd period of 5 years.

read Copy right extended for 3rd period of 5 years.

24th September, 1966

- 107167. Jibin Gopal Ghosal. Improved dry gas holder.
- 107168. Unilever Limited. Thermoplastic containers.
- 107169. Veb Warnowwerft Warnemunde. Supplementary loading device, in particular for long cargo hatchways on ships.
- 107170. Ciba of India Limited. Manufacture of oxygen-nitrogen compounds.
- 107171. British Insulated Callender's Construction Company Limited. Improvements in or relating to tensioning means for use in overhead conductors of electric traction system. (Addition to No. 99898).
- 107172. Imperial Chemical Industries Limited. Improvements in or relating to the collection of synthetic polymeric yarns or filaments. (1st October 1965).
- 107173. Lansing Bagnall Limited. Improvements in or relating to the mounting of electrical components. (27th September, 1965).
- 107174. Bharat Electric Supply Traders (Manufacturers). Improvements in or relating to an aerial system of automobiles or like vehicles.
- 107175. R. Subramanian. A. V. S. R. kinetic wheel combination unit.

26th September 1966

- 107176. Tractel Tirfor India Private Limited. Improvements in or relating to universal pulling and lifting machine.
- 107177. Joint Coal Board. Improvements in diamond, tungsten or other rotary core drills.
- 107178. Soletanche. Treatment of soil.
- 107179. Cummins Engine Company, Inc. Fuel supply apparatus.
- 107180. Imperial Chemical Industries Limited. Pharmaceutical compositions. (7th October 1965).
- 107181. Jervis B. Webb Company. Releasing pusher for pusher conveyor.

- 107182. Inpower Works (Proprietary) Limited. Fluid torque transmitter.
- 107183. A. W. Chesterton Company. Composite "o" ring.
- 107184. American Cyanamid Company. Low temperature shift catalyst.
- 107185. Johns-Manville Corporation. Apparatus for producing fibrous material.
- 107186. CKD Praha, oborovy podnik. Method of corrosion prevention for heat exchangers having heat exchanging tubes.
- 107187. Tesla, Narodni Podnik. Section display radar.
- 107188. Merck & Co. Inc. Process for preparing n-1-acyl-3-indolyl acids.
- 107189. Merck & Co. Inc. Process for preparing pteridine compounds.
- 107190. Xerox Corporation. Facsimile system.
- 107191. Foseco International Limited. Articles of bonded particulate material. (27 September 1965).
- 107192. The Metal Box Company of India Limited. Improvements in or relating to closures for bottles or like containers.
- 107193. General Time Corporation. Shut-off arrangement for spring wound alarm clock.
- 107194. Ampex Corporation. Magnetic transducer assembly.
- 107195. Glanzstoff A. G. Means for the knot-free connection of thread ends. (28th June 1966).
- 107196. Ciba Limited. Compositions for treatment of coccidioides. (Divisional date 1st December 1965).
- 107197. Ciba Limited. Compositions for treatment of coccidioides. (Divisional date 11th April 1966).
- 107198. Takeda Chemical Industries Limited. New antibiotic and process for the production thereof.
- 107199. N. H. Damania. Improvement in or relating to brassiere.
- 107200. C. Selvaraj. Space saving sofa-cum-bed.
- 107201. Mr. J. H. Kowley and Mr. N. H. Kapadia. Production of coated metal.
- 107202. Shanthi Timber Industries Private Limited. Improvements in or relating to furniture.
- 107203. V. M. Vethachalam. New type of simple gasoline and kerosene motor engine.
- 107204. K. N. Ramanathan. The improvements in and relating to internal combustion engines of the fully rotary type.

107205. B. R. Vasudevachar. Improvements in or relating to ceramic tiles and dies for the manufacture of twin ceramic tiles.

27th September 1966

107206. Siemens and Halske Aktiengesellschaft. Improvements in or relating to time division multiplex systems. (12th July 1966).
107207. Kanegafuchi Boseki Kabushiki Kaisha, and Snia Viscosa Societa Nazionale Industria Applicazioni viscosa S.P.A. Apparatus for developing crimps by heating composite filament.
107208. Hitachi Ltd. Speed controlling system for induction motor.
107209. Shell Internationale Research Maatschappij N. V. Method of producing a laminate of thermoplastic film, and laminate thus produced.
107210. C. A. V. Limited. Fluid control valves. (5th October 1965).
107211. C. A. V. Limited. Starting aids for internal combustion engines. (11th October 1965).
107212. Imperial Chemical Industries Limited. Dyeing process. (30th September 1965).
107213. Mefina S. A. Sewing machine.
107214. Esso Research and Engineering Company. Thermal cracking process.
107215. Sperry Rand Corporation. Duplex escapement for typewriters.
107216. Ciba Limited. Tetrahydroimidazoles and process for their manufacture.
107217. Brown, Bovis & Company Limited. Device for the auxiliary manual actuation of a motor-driven stepping switch.
107218. American Rubber & Chemical Company. An Improved process for producing polybutadiene.
107219. F. L. Smith & Co. A/S. Improvements relating to rotary kilns. (28th September 1965).
107220. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of chromane derivatives.
107221. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Olefins and process for purifying them.
107222. Deba Priya Day. Improvements in or relating to production of etched aluminium plates or articles made thereof.
107223. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to high-voltage transistors.

28th September 1966

107224. H. B. Khimji. An improved arrangement for sealing the stem of a valve.
107225. Inventa A. G. Fur Forschung Und Patentverwertung. Spinning plate.
107226. Eaton Yale & Towne Inc. Dispensing valve.
107227. Castings & Forgings Pty. Limited. Inspection hole closure assembly. (8th March 1966).
107228. Statni Vyzkumny Ustav Textilni. Mechanical intrauterine contraceptive devices.
107229. Vsesojuzny Nauchno-Issledovatelsky Institut Stroitel'nogo. I dorozhnogo mashinostroeniya. Device for compacting waterlogged loose ground.
107230. Universal Oil Products Company. Zeolite regeneration process.
107231. The Villiers Engineering Company Limited. Two-stroke internal combustion engine. (8th October 1965).
107232. The Distillers Company Limited. Improvements in or relating to the purification of phenol. (16th October 1965).
107233. C. Thomson. Improvements in or relating to conveyor belts. (1st October 1965). [Addition to No. 91419].
107234. Grinnell Corporation. Apparatus for cleaning textile machinery.
107235. Eaton Axles Limited. Axle mechanism.
107236. Inpower Works (Proprietary) Limited. Fluid torque transmitter.
107237. Hewitt-Robins International S. A. Bridging devices used with mining or gathering machines. [Divisional date 27th January, 1965].
107238. Merck & Co. Inc. Concentration and Purification of virus.

107239. Stauffer Chemical Company. New composition.
107240. American Factors Associates, Limited. Press for separating liquids from solids.
107241. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of polyene aldehydes.
107242. Ciba Limited. Pigment-containing lacquers, process for their manufacture, and their use for lacquering shaped medicaments.

29th September 1966

107243. P. M. Phene. Improved sole or insole for footwear.
107244. Council of Scientific and Industrial Research. A process for the preparation of isothiocyanates of biological interest.
107245. Ramani Ranjan Datta. A mathematical instrument for finding areas and long bases of a trapezoid for estimating earthwork and land for a waterway and embankment.
107246. S. R. Nanavati. An advertising apparatus.
107247. G. S. Ahluwalia. Hand-cum-foot or motor driven automatic stamp cancelling device.
107248. Peltzer & Fils S. A. Method of and equipment for forming and moving picks in circular weaving looms.
107249. Peltzer & Fils S. A. Weft nipper for a circular weaving loom.
107250. Peltzer & Fils S. A. Weft thread selector for a circular weaving loom.
107251. Peltzer & Fils S. A. Control equipment for deformable shaft frames for circular weaving looms.
107252. Peltzer & Fils S. A. Method of and equipment for forming selvedges in shuttleless looms.
107253. Peltzer & Fils S. A. Method for the simultaneous weaving of several, like or different fabrics in circular looms applying this method.
107254. Peltzer & Fils S. A. Patterning mechanism for circular weaving looms.
107255. Libbey—Owens—Ford Glass Company. Method of forming an insulated shaping surface on a bending mold.
107256. Sandoz Ltd. Improvements in or relating to organic compounds. (30th September 1965).
107257. Sandoz Ltd. Improvements in or relating to organic compounds. (30th September 1965).
107258. Sandoz Ltd. Improvements in or relating to organic compounds. (30th September 1965).
107259. Polymer Corporation Limited. Polymeric structures. (16th February 1966).
107260. Hoynor Limited. Improvements in or relating to semi-trailer vehicles. (30th September 1965).
107261. Hoynor Limited. Improvements in or relating to load transporting vehicles. (30th September 1965).
107262. Caterpillar Tractor Co. Single pivot elevator mounting for self-leading scrapers.
107263. Shell Internationale Research Maatschappij N. V. Novel organophosphorus insecticides. (1st October 1965).
107264. Bendix-Westinghouse Automotive Air Brake Company. Brake release means.
107265. The Explosives & Chemicals Products Ltd., and Houillers du Bassin du Nord & du Pas-de-Calais. Device for fixing anchor bolts and the like. (5th October, 1965).
107266. E. R. Squibb & Sons, Inc. Inhalation anesthetic.
107267. E. R. Squibb & Sons, Inc. Tablets.
107268. W. R. Grace & Co. Process and product. (16th November 1965).
107269. Rohm and Haas Company. Elastomers.

30th September 1966

107270. Council of Scientific and Industrial Research. Indigenous fluorescent dye-penetrants for surface and sub-surface crack detection.
107271. Jagadish Chatterjee and Bhola Nath Chatterjee. A self locking and leak proof water cock.
107272. E. A. Guenther. Searchlight.
107273. The British Petroleum Company Limited. Improvements in the production of micro-organisms from hydrocarbons. [Addition to No. 91187.]

107274. The British Petroleum Company Limited. Improvements in the production of micro-organisms from hydrocarbons. [Addition to No. 91187].
107275. Nippon Denso Company Ltd. Improvements relating to glow devices for internal combustion engines.
107276. Ciba Limited. Novel pesticidal preparations.
107277. Otis Elevator Company. Touch responsive static electric control.
107278. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Improvement in the treatment of continuous multifilament threads and relative threads having a controllably labile cohesion.
107279. American Flange & Manufacturing Co. Inc. Method and apparatus for dividing the flow of articles.
107280. Westinghouse Brake and Signal Company Limited. Railway points apparatus. (12th October 1964).
107281. Caterpillar Tractor Co. Combined load cylinder and spindle for a welding machine.
107282. Armalite, Inc. Compensator for a firearm.
107283. H. Smith. Process for preparing steroid compounds.
107284. H. S. Gandhi, H. S. Gandhi, K. S. Gandhi, B. S. Gandhi and Mrs. Kanchanben Shantilal Gandhi. Clips for tentering machines.

### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1922, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

96002. Aktiebolaget Bofors. Improvement in or relating to a relay. Accepted on 26th September 1966.  
*Comprising a chamber for pyrotechnic charge, electrical means for detonating the charge by ignition, an electrical conductive link for closing circuit and a piston arranged within the body to break said link.*
96103. D. S. Dahanukar. Improvements in or relating to dispensers for blades. Accepted on 19th July 1966.  
*Comprises in combination a cage member having an opening at its top, a second opening at one shorter side thereof a transverse wall or a back plate at the central, of the other shorter side, a series of conical teeth on the inner surface of the back plate.*
96948. Standard Telephones and Cables Limited. Method to fix soldering lugs in wafers. Accepted on 9th September 1966.  
*By pushing soldering lugs through drill-holes and recesses in a wafer and deforming the lugs therein.*
97057. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for reducing or obviating the relative influence of the parts of a multiple magnetic head. Accepted on 15th September 1966.  
*On the rear side of the carrier, there is provided a plate the width of which is equal to overall width.*
97058. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for reducing or obviating the relative influence of parts of a multiple magnetic head. Accepted on 15th September 1966.  
*Consist of at least two inter-connected magnetic circuits having a gap between them and a plate of sintered oxide, and a plate of conducting material.*
97077. Mrs. Beryl Alice Enid DePenning. Device for the atomization of liquids. Accepted on 16th September 1966.  
*Having in combination, a wing or vane with identical extrados and intrados disposed in a stream of air preventing an absolutely similar static pressure gradient over its two surfaces and that near the leading edge a zone of depression becomes manifest, said zone diminishing to the trailing edge.*

97095. Johnson & Johnson. Packing case or carton made of cardboard or like material. Accepted on 17th September 1966.  
*Providing a carton of cardboard or like material which can be used for the transport of bottles and wherein the bottles may be nested each in individual compartments.*
97109. Monsanto Company. Ammonium nitrate particles in disk form, and compositions containing the same. Accepted on 19th September 1966.  
*Comprises pressing in one plane prills of ammonium nitrate so as to reduce the dimensions of the prills in that plane while increasing the dimensions of the prills in a plane perpendicular to the applied force, the prills having density of at least about 1.5.*
97118. K. M. Groetschel. Improvements relating to roof supporting systems for mine workings. (14th May 1964). Accepted on 21st September 1966.  
*Comprising laterally spaced side members for engagement with opposed side faces of the roof supports and power-operating bracing means between the side members.*
97134. W. W. Boynton, J. R. Campbell and C. R. Nisewanger. Apparatus for recovery of plant products and the like. Accepted on 21st September 1966.  
*Comprises suction tube having an outer open end for intake reception, an inner discharge end, a chamber, the outer tube end and the large discharge chamber.*
97141. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Device for bulking synthetic and artificial fibres. Accepted on 22nd September 1966.  
*Synthetic yarn is dragged within a passageway by a gaseous forwarding fluid under pressure, introduced into a crimping chamber to be arranged in a three-dimensional tortuous configuration and the crimped yarn is stabilized by thermal treatment.*
97142. Marmont Corporation. Thread winding machine. Accepted on 22nd September 1966.  
*The increasing weight of the thread provides a force off setting the decrease in force exerted on a ball by the winding spindle.*
97157. Inventia A. G. Fur Forschung Und Patentverwertung. Process for the production of granulated nitrogenous fertilizers. Accepted on 23rd September 1966.  
*Spraying aqueous solution of fertilizer in a column through which heated air flows from bottom and small balls of fertilizer formed thus are kept in a state of suspension in a fluidized bed and drawn off continuously.*
97183. Rogers Corporation. Waterproof microporous gas permeable sintered plastic sheeting. Accepted on 26th September 1966.  
*Characterised in that the granules of thermoplastic resin contain a waterproofing agent.*
97209. Arun Bose. Improvement in or relating to gear control systems. Accepted on 28th September 1966.  
*Five operating buttons or like, for activating the first, second, third, back and neutral gears, connected to vertical rods having projecting sections and which are being placed in narrow slots between a pair of horizontal rods having springs.*
97243. Pirelli Societa Per Azioni. Improvements in or relating to synthetic polymeric insulation for electric cables. (24th November 1964). Accepted on 29th September 1966.  
*Simultaneously grafting and cross linking a rubbery isobutylene-isoprene co-polymer onto a polyethelene by heating a mixture of said two compounds with 1.3% $\alpha$ ,  $\alpha$ -bis (tert-butyl-peroxy) diisopropylbenzene and 0.1-3% of dibenz-p-quino-dioxine.*
97277. Vyzkumny ustav matematickych stroju. A sequential control system for machine tools with pre-selection of the length of advance. Accepted on 27th September 1966.  
*Comprising a memory circuit, a reading device, a unidirectional main counter, a measuring device connected to a circuit for discriminating direction of movement of machine tool, a guarding circuit, a correction gate switch, a correction counter and a circuit for automatic change-over of advance speed.*
97319. Imperial Chemical Industries Limited. Process and apparatus for the electrolytic oxidation or reduction of a dissolved species. Accepted on 30th September 1966.  
*The susceptibility of the process to the diffusion limitation is decreased by subjecting at least one electrode to a wiping action whilst it is immersed in electrolyte.*

97323. Rohm and Haas Company. Addition phosphonate oligomers or polymers and the production thereof. Accepted on 29th September 1966.  
*Reacting an enolisable ketone with a cyclic chlorophosphite.*
97346. Tokyo Shibaura Electric Company Limited. Control system for driving motors of electric cars. Accepted on 24th September 1966.  
*Comprising plurality of motors means to change the connection of the motors from series to parallel, a plurality of controlled rectifier element, means to connect the said current regulator in series with each other.*
97375. Air Logistics Corporation. Improvements in or relating to method and apparatus for molding by application of heat. Accepted on 27th September 1966.  
*Placing a material to be molded adjacent a thermally expansible mass, confining both a mold having coefficient of thermal expansion lower than that of the mass, and supplying heat to the mass.*
97398. MIAG Muhlenbau und Industrie G. m. b. H. Method of continuously treating granular and/or powdered material with steam and/or gas and apparatus therefor. [Addition to No. 86480.] Accepted on 26th September 1966.  
*Characterized in that the cloud of material is caused to fall into another gas stream rising with retarded movement, this being repeated several times with the same alternately accelerated and decelerated gas stream.*
97525. Babcock & Wilcox Limited. Improvements in heat exchangers. Accepted on 22nd September 1966.  
*Including an attemperating liquid spray discharge head wherein a protecting tube extends around the discharge head and has a restricted flow connection with the stream of vapour.*
97567. Enicar S. A. Process of treatment of the escapement mechanisms of watches for reducing the loss of oil, and watch escapement obtained by the application of this process. Accepted on 30th September 1966.  
*The process is characterised by the fact that the mechanisms are coated with epflame in the immediate neighbourhood of the surfaces which come in contact with one another at the time of functioning of the escapement.*
97630. The Goodyear Tire & Rubber Company. Improvements in reinforced latex. Accepted on 23rd September 1966.  
*A blend containing a carrier compatible with both the reinforcing agent and the rubber component of the latex is added to the rubber latex and mixture allowed for aging.*
97661. Allied Chemical Corporation. Process for the oxidation of dihydroterephthalic acid esters. Accepted on 19th September 1966.  
*The ester is contacted with an aromatic, water-insoluble nitro compound having a melting point of at least 25° C.*
97733. C. A. V. Limited. Apparatus for supplying fuel to internal combustion engines. (11th February 1964). Accepted on 26th September 1966.  
*Comprising a stepped cylindrical chamber, complementarily stepped a shuttle in the chamber, metering valve, distributor, injection pump.*
97823. Eaton Yale & Towne Inc. Combination fan and water pump drive. Accepted on 26th September 1966.  
*Comprising a viscous coupling, an input coupling member drivingly coupled to the engine and a rotatable output coupling member drivingly connected to shaft means both fan device and water pump impeller being fixedly mounted on the shaft means.*
97833. Standard Telephones and Cables Limited. Improvements in or relating to electro-acoustic transducer of the dynamic type. Accepted on 29th September 1966.  
*Of the dynamic type in which the magnetic energy source is a cylindrical permanent magnet.*
97845. Shell Internationale Research Maatschappij N. V. Process for the conversion of nitrogen-containing hydrocarbon oils. Accepted on 30th September 1966.  
*Comprises, contacting hydrocarbon oil with 5 to 45% of the catalyst, withdrawing the gas, removing a part of ammonia from it and contacting the hydrocarbon oil with the remaining catalyst.*
97904. W. G. Payne. Improvements in or relating to methods of harvesting pods from pod bearing vines and a machine therefor. Accepted on 28th September 1966.  
*Comprising the steps feeding the pod-bearing vines on a table means having a series of apertures therethrough, progressing removing the haulms through the apertures and delivering haulm-free pods from said table means.*
97929. Barmer Maschinenfabrik Aktiengesellschaft. Control and switching means. (10th June 1964). Accepted on 16th August 1966.  
*An adjusting system of the arrester switches controlling the drive of adjusting elements of the switches by prolonged switching impulses and a switching elements in the form of a photo electric or electromechanical impulse generator.*
97962. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the production of water-insoluble azo dyestuffs on textile material of cellulose or protein fibres and textile material dyed or printed by said process. Accepted on 16th August 1966.  
*Comprises treating a textile material of cellulose or protein fibres, in an alkaline bath containing a coupling component substantive for the textile material, an alkali metal salt or alkaline earth metal salt of a diazoamino compound and a dispersing or wetting agent and subsequently with an acid agent below 40°C.*
98036. Tube Products Limited. A method of welding a fin to the surface of a tube or other member. Accepted on 26th September 1966.  
*By a method by electric resistance welding in which the fin is urged into engagement with the member by pressure, the edges of the fin is so shaped as to prove one or more sharp edges, in which the heating effect of the welding current is initially concentrated.*
98049. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble azo dyestuffs process for preparing them and textile fibrous materials which have been dyed or printed by said dyestuffs. [Addition to No. 96674]. Accepted on 22nd August 1966.  
*Acylated 1,4-diaminobenzene-2-sulphonic acid is diazotized and then coupled with barbituric acid.*
98088. Silika—und Schamottefabriken. Martin & Pagenstecher Aktiengesellschaft. Improvements in or relating to refractory bricks. Accepted on 23rd August 1966.  
*Provided with a combustible casing formed by a quick-setting material.*
98178. General Electric Company. Process for catalytically methylating a phenol in the ortho position. Accepted on 28th September 1966.  
*Reacting methanol with phenol in vapour phase in presence of MgO catalyst at 475-600°C.*
98353. Farbenfabriken Bayer Aktiengesellschaft. Process for the continuous production of dispersions. (11th January 1965). Accepted on 26th September 1966.  
*Comprises passing continuously under pressure a solid in a non-pumpable state and, simultaneously a liquid medium, into an agitated layer of spherical grinding elements, passing the solid together with the liquid medium through the agitated layer and separating continuously the dispersion formed from grinding elements.*
98361. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Optical brightening compounds and process for the optical brightening of textile material, fibres and foils using said compounds. Accepted on 9th September 1966.  
*Comprising reacting a vinyl sulfone with primary or secondary amines.*
98380. Sandox Ltd. Improvements in or relating to reactive dyes. Accepted on 9th September 1966.  
*Wherein organic dyco or organic compounds containing at least one unsubstituted or monosubstituted amino group with at least 1 mole of a 2-ethyl-amino-4-N-chloroformyl-N-ethylamino-6-chloro-1, 3, 5, triazine.*
98434. The Western States Machine Company. Centrifugal basket. Accepted on 15th September 1966.  
*Comprising a unitary metal wall of frusto-conical form and a perforated screen.*

98435. The Western States Machine Company. Mounting arrangement for basket of centrifugal. Accepted on 15th September 1966.  
*Comprising a vertical shaft jointed at the upper end of the basket and a motor.*
98464. Aktiebolaget Bofors. Spring device. Accepted on 15th September 1966.  
*Relating to a spring device, the elastic components of which constitute a bar secured to a support along one longitudinal edge of the bar.*
98465. G. G. Patel. Improvements in or relating to stoves or like apparatus. Accepted on 16th September 1966.  
*Having one or more disc like shields of heat-resistant material interposed horizontally between the burner and the fuel tank.*
98474. Shell Internationale Research Maatschappij N. V. Herbicidal compositions containing novel hydrazine compounds. (18th March 1964). Accepted on 16th September 1966.  
*Comprises as active ingredient a novel hydrazine compound or a quaternary ammonium salt thereof together with a carrier and/or a surface active agent.*
98477. Canadian Ingersoll-Rand Company, Limited. Centrifugal filter apparatus. Accepted on 16th September 1966.  
*For separating heavy and lighter deleterious solids in paper and pulp mill sewage from fluid effluent.*
98496. Ciba Limited. New hydroxyphenyl-1, 3, 5-triazines. process for protecting organic materials using such triazines and organic materials protected by the process. Accepted on 16th September 1966.  
*A process for the manufacture of hydroxyphenyl 1, 3, 5-triazine comprises reacting a dihalogens 1, 3, 5-triazine in an anhydrous medium in the presence of pyridine and crafts catalyst with a molar or 2 molar amount of a compound of the benzene series that contains two hydroxyl groups in meta position relatively to each other.*
98505. Wellman Combing Company. Carding machine. Accepted on 19th September 1966.  
*Comprises twoicker in cylinders, first rotating at a lower speed than the second and in opposite direction and both covered with card clothings.*
98528. United States Rubber Company. Improvements in adhering textile materials to rubber. Accepted on 19th September 1966.  
*Laminating textile material and rubber by applying to a textile material a solid vulcanisable rubber composition.*
98586. P. Medawar. Improvements in hand-clamps. Accepted on 23rd September 1966.  
*Consist affixed member, a jaw articulated to pivot, a lefiting member and linkage means between the jaw and the member.*
98611. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to pole piece units comprising a body of sintered oxidic ferromagnetic material which is joined to a body consisting of non-magnetizable material. Accepted on 23rd September 1966.  
*Comprising a body of sintered oxidic ferromagnetic material which is joined to a body consisting of non-magnetizable electrically non-conductive material characterised in that use is made of a material consisting of a mixture which consists for at least 30% by weight of  $Ba_2Ti_6O_{12}$  and remaining part of compounds co-existing with these compounds in the systems of composing oxides or a mixture thereof.*
98613. Dr. R. D. Desai, Miss Sharmishta Kasturbhai Dalal and Shri A. R. Parikh. Manufacture of new fluorescent brightening agents from 4:4'-diamino-stilbene-2:2'-disulphonic acid. Accepted on 24th September 1966.  
*Comprising reacting an aqueous solution of disodium-4:4'-diamino-stilbene-2:2'-disulfonate with an arylisocyanate and then with an aromatic primary amine and then with an aromatic or heterocyclic primary amine.*
98620. Mifalei Yam Hamelah B. M. Process for the manufacture of low-porosity burnt magnesia. Accepted on 20th September 1966.  
*By a process comprising drying magnesium hydroxide paste at low temperature without appreciable decomposition of the hydroxide; shaping the dried hydroxide under pressure into compacts and firing the compacts to sintering.*
98632. Esso Research and Engineering Company. Preparation of improved polyesters suitable for use in hydrocarbon oils. (6th April 1964). Accepted on 24th September 1966.  
*The dimers of the linoleic acid is esterified with equimolecular amounts of the diol and the polyester thus produced is reacted with an aliphatic alcohol or secondary amine.*
98657. Dunlop Ectex Limited. Inventions relating to thermoplastic sheet materials. (8th April 1964). Accepted on 22nd September 1966.  
*Preparing a sheeting of a thermoplastic synthetic resin composition with a blowing agent, adhering the sheet to a carrier sheet by adhesive composition heating to decompose the blowing agent to form a cellular layer and stripping the product incorporating a layer from the adhesive composition.*
98661. C. A. V. Limited. Liquid fuel pumps for internal combustion engines. (31st March 1964). Accepted on 26th September 1966.  
*The invention relates to liquid fuel pumps for supplying fuel to an internal combustion engine and of the kind comprising a body part, an injector pump mounted within the body part and operable in turn relationship to an engine to which the pump is associated and a passage within the body part through which fuel can be supplied to the injector pump, said passage being in communication with a source of fuel the pressure of which is dependent upon the speed of rotation of the engine.*
98670. American Rubber & Chemical Company. Improved catalyst and polymerization process utilizing same. Accepted on 28th September, 1966.  
*Comprises contacting diolefins in a hydrocarbon solvent under polymerizing conditions the improvement comprises using catalyst system comprising aluminium alkyl, an alkyl aluminium iodide and a titanium tetrahalide.*
98699. Westinghouse Electric Corporation. Method for forming germania films. Accepted on 27th September 1966.  
*Heating germania to a first temperature in a reaction atmosphere containing at least one of the compounds hydrogen chloride and hydrogen bromide, and heating substrate to a second temperature higher than first temperature in said atmosphere to cause gaseous products from germania source to be transported to substrate.*
98673. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruining. A process for the preparation of Vinyl chloride and ethyl chloride. Accepted on 23rd September, 1966.  
*Comprises passing ethylene, oxygen and hydrogen chloride over catalysts containing at least one noble metal of subgroup 8 of the periodic table in an elementary form and separating the products by methods known per se.*
98674. Spinnfaser Aktiengesellschaft. Process for recovering sulphur and carbondisulphide from the exhaust air containing  $H_2S$  and  $CS_2$  of factories which are processing viscose. (1st February 1965). [Addition to No. 57467]. Accepted on 26th September 1966.  
*The alkaline ferric hydroxide suspension contains small quantities viz. 0.05 per cent to 0.5% of nickel and/or cobalt hydroxides.*
98680. Inventia, A. G. Fur Forschung Und Patentverwertung. Process for the hydrogenation of nitric oxide in the presence of platinum catalysts. Accepted on 27th September 1966.  
*Characterised in that the hydrogenation is carried out in silicon-free atmosphere.*
98698. Westinghouse Electric Corporation. Growth of insulating films. Accepted on 27th September 1966.  
*Heating a quantity of at least one of the compounds titanium oxide, beryllium oxide, zirconium oxide, aluminium nitride and silicon nitride to a first temperature in halogen and/or hydrogen halide containing atmosphere, and heating a substrate as a second temperature less than first temperature in said atmosphere to cause transport of material to the substrate.*
98705. V. Ratna. Light absorbing screen. Accepted on 27th September 1966.  
*Made by fixing large number of thin black strips with glossy finish of their surfaces, on a matt black base, so that the strips project outwardly therefrom.*

98708. American Flange & Manufacturing Co. Inc. Method and apparatus for forming helical screw threads. Accepted on 28th September 1966.  
*An apparatus for imparting a continuous helical screw thread formation to a relatively thin walled cylindrical members such as caps, plugs, nozzles etc.*
98718. Birfield Engineering Limited. Improvements in or relating to machines for forming non-woven fabrics. (1st April 1964). Accepted on 29th September 1966.  
*Comprises a rotary opening drum with pins, a casing having a part cylindrical lower section surrounding the drum, an air inlet passage, a foraminous condenser across the delivery duct and rotating means for said drum.*
98720. Alfred Thun & Co. G. M. B. H. Improved bicycle pedal crank assembly. Accepted on 29th September 1966.  
*One Crank being integrally welded with the spindle and the other crank in the region of the free end of the spindle is adapted to be detachably mounted.*
98722. Institut Francais Du Petrole Des Carburants Et Lubrifiants. Stabilizing device. Accepted on 24th September 1966.  
*Comprising handling means, flexible tube means, a jack arranged on the floating base means for feeding said jack by fluid under pressure a frame supported by the piston of said jack, a slide guide, pulley means.*
98770. Institut Francais du Petrole Des carburants et Lubrifiants. Polymerisation of olefins. Accepted on 24th September 1966.  
*In a process for the production of polyolefins in presence of an anionic co-ordination catalyst, the invention characterized in that the catalyst further contains at least one compound of a metal of groups VI and/or III.*
98776. FMC Corporation. Bearing assembly. Accepted on 30th September 1966.  
*Comprising a resiliently diametrically expandable inner race externally constrictively engaging the male member of the joint and a outer race constricted by the female member.*
98796. Associated Electrical Industries Limited. Manufacture of electric lamps. (3rd April 1964). Accepted on 27th September 1966.  
*Prior to the sealing of the filament or electrode assembly into the glass envelope of the lamp, at least one body of glass being positioned in the vicinity of the neck of the envelope.*
98817. Veb Optima Buromaschinenvorwerk Erfurt. Paper-carriage return travel mechanism for power driven office machines such as typewriters. Accepted on 29th September 1966.  
*A paper carriage return travel mechanism characterised in that the line space lever can be locked through the carriage release rail by control means which are operated by an additional key before return travel of the carriage is started.*
98872. Standard Telephones and Cables Limited. Circuit for delaying an incident signal. Accepted on 29th September 1966.  
*Comprising means for slicing the frequency spectrum, means coupled to said slicing means, and means coupled to said adding means.*
98905. Standard Telephones and Cables Limited. Improvements in or relating to electrical switching equipment. Accepted on 27th September 1966.  
*Providing improved 'overflow' facilities whereby traffic handling capability of the equipment can be enhanced.*
98973. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to welding wires for electric arc welding of steel in a protective gas atmosphere. Accepted on 24th September 1966.  
*For electric arc welding of steel in a protective gas atmosphere, said wire consisting of a steel casing with filling characterized in that the percentages of calcium carbonate and calcium fluoride of the filling with respect to the over-all weight of the wire fulfill at the same time the conditions :  
 $[CaCO_3]$  lies between 0.5 and 7  
 $[CaF_2]$  is more than 0.5  
 $[CaCO_3] + 4 [CaF_2]$  is less than 16.*
99031. The English Electric Company Limited. Direct-contact steam condenser for steam turbines, including a condenser casing arranged to surround at least part of the turbine, and the combination of such a condenser with a steam turbine. (21st April 1964). Accepted on 29th September 1966.  
*Direct contact steam condenser surrounding a part of the turbine so that the turbine exhausts directly into the casing of the condenser from the said part.*
99046. Imperial Chemical Industries Limited. Coated films. (5th May 1964). Accepted on 30th September 1966.  
*By a process in which an electrically non-conducting film is coated with an aqueous dispersion of an organic thermoplastic heat-sealable polymer or co-polymer of a monoethylenically unsaturated monomer.*
99096. Western Electric Company, Incorporated. Improvements in and relating to the manufacture of wound capacitors. (4th June 1964). Accepted on 26th September 1966.  
*Comprising steps of measuring the thickness and the relieving force characteristic of a homogeneous unit of thermoplastic, winding alternate layer of the dielectric material and the electrode material.*
99178. OxySynthese Societe Anonyme. Process for the production of hydrogen peroxide. Accepted on 23rd September 1966.  
*In at least some of the cycles the oxidation steps are partly or wholly conducted in the presence of at least one alkali metal acid pyrophosphate and/or at least one nitrate of an alkali metal or ammonium.*
99214. Shell Internationale Research Maatschappij N.V. A lubricating oil composition. Accepted on 23rd September 1966.  
*Comprising a lubricating oil or a mixture of lubricating oils and a dispersed salt and/or hydroxide of an alkaline earth metal and one or more oil soluble polyolefines without polar groups.*
99294. GEBR. Bohler & Co. Aktiengesellschaft. Process of producing high nitrogen alloy steel. Accepted on 26th September 1966.  
*Characterized in that nitrogen is blown into the molten steel poured into an ingot, contained in a pressure tight chamber, from the bottom of the said mold, and said steel is solidified in said mold under a nitrogen pressure which is higher than atmospheric pressure.*
99344. Radio Corporation of America. Field effect transistor with insulated-gate. Accepted on 27th September 1966.  
*Having the source and drain defining the ends of a plurality of drain current paths of controllable conductivity, the gate being spaced from said current paths by an insulator and the transistor having a remote cut off gain characteristic.*
99483. Industrie-Companie Kleinewefers Konstruktions-und Handelsgesellschaft mbH. A cylindrical radiation recuperator made of sheet-metal with an upper and a lower air distribution box. Accepted on 26th September 1966.  
*Comprising air distribution box accurate spacing of elements of equal depth sealing jacket extending from the lower to upper distribution box surrounds the resiliently tensioned outer jacket at a distance.*
99681. Shell Internationale Research Maatschappij N.V. Cellular thermoplastic sheet material and its manufacture. (25th May 1964). Accepted on 29th September 1966.  
*Comprises moving a band of said material relative to a radiant heat source element which contacts the opposite face of the said band to said radiant heat source.*
100221. S. Takahashi. Coating composition for a motion picture screen and a motion picture screen coated with the composition. Accepted on 28th September 1966.  
*A coating composition for a motion picture screen, comprising a mixture of the fine scales of a scabbard fish and a colourless, transparent adhesive.*
100516. American Machine & Foundry Company. Manufacture of welded beams. Accepted on 27th September 1966.  
*An elongated metal web portion or the like having welded thereto on one or both of its edges a metal flange forming strip.*
100528. Stanton and Staveley, Limited. Improvements in and relating to centrifugal casting machines. (5th August 1964). Accepted on 26th September, 1966.  
*Consisting of a core retaining plate comprising a body having latching means to retain the plate in the mold.*

100795.	Shell Internationale Resarch Maatschappij N. V. Method for the manufacture of paper/plastic foam laminates. Accepted on 23rd September 1966. <i>Characterised in that a foam having a density of from 30 to 200 g/litre is passed along a roll or guide face by means of which a layer of paper provided with a coating of a thermoplastic polymer of a vinyl aromatic compound is used as a self adhesive paper.</i>	58912. 58939. 58972. 58975. 59042. 59749. 59839. 60200. 60201. 60539. 60540. 60714. 61218. 61913. 61918. 61929. 61957. 61973. 61993. 62007. 62013. 62014. 62017. 62021. 62022. 62023. 62026. 62081. 62083. 62104. 62134. 62181. 62185. 62198. 62205. 62206. 62231. 62237. 62246. 62369. 62370. 62386. 62407. 62570. 62572. 62693. 62717. 63350. 64231. 64232. 64239. 64463. 64479. 64708. 65157. 65283. 65293. 65302. 65418. 65450. 65451. 65455. 65456. 65457. 65467. 65468. 65472. 65541. 65561. 65572. 65583. 65585. 65587. 65599. 65620. 65624. 65630. 65670. 65680. 65797. 65884. 65897. 65898. 65906. 65911. 65912. 66021. 66132. 66150. 66180. 66215. 66243. 66268. 68046. 68088. 68477. 68585. 68863. 68972. 69000. 69031. 69032. 69033. 69274. 69299. 69313. 69316. 69321. 69330. 69344. 69381. 69382. 69401. 69423. 69424. 69463. 69484. 69486. 69535. 69552. 69604. 69670. 69708. 69795. 69883. 69900. 69934. 69985. 70087. 70150. 70225. 70226. 70235. 70236. 70237. 70258. 70586. 70719. 70758. 70759. 70760. 70761. 71562. 72744. 72915. 72933. 72935. 72957. 73100. 73115. 73120. 73490. 73537. 73539. 73552. 73583. 73584. 73601. 73606. 73607. 73634. 73670. 73680. 73693. 93694. 73706. 73728. 73734. 73736. 73739. 73767. 73768. 73797. 73798. 73810. 73817. 73835. 73838. 73855. 73865. 73866. 73877. 73880. 73899. 73907. 73917. 73932. 73985. 74017. 74018. 74046. 74030. 74067. 74078. 74079. 74080. 74081. 74166. 74167. 74219. 74244. 74283. 74292. 74441. 74473. 74474. 74589. 74609. 74625. 74687. 74722. 74735. 74736. 74837. 75061. 76152. 77239. 77963. 78022. 78033. 78735. 78737. 78742. 78744. 78752. 78758. 78774. 78803. 78806. 78814. 78823. 78824. 78828. 78831. 78836. 78848. 78876. 78877. 78878. 78882. 78889. 78896. 78897. 78898. 78899. 78900. 78902. 78975. 78985. 79000. 79001. 79011. 79029. 79077. 79087. 79092. 79097. 79112. 79142. 79165. 79168. 79174. 79221. 79279. 79303. 79304. 79341. 79396. 79397. 79399. 79401. 79457. 79458. 79459. 79505. 79509. 79510. 79511. 79523. 79579. 79591. 79603. 79714. 79731. 79850. 79851. 79894. 79916. 79970. 79971. 80093. 80119. 80207. 80208. 80310. 80409. 80510. 80696. 81133. 81774. 82415. 83284. 83469. 83709. 83879. 84410. 84426. 84433. 84435. 84444. 84470. 84485. 84488. 84506. 84507. 84528. 84529. 84534. 84548. 84549. 84551. 84558. 84585. 84589. 84628. 84630. 84641. 84642. 84699. 84702. 84706. 84712. 84720. 84727. 84735. 84749. 84750. 84782. 84783. 84784. 84824. 84833. 84839. 84870. 84877. 84878. 84919. 85020. 85072. 85135. 85150. 85164. 85169. 85234. 85255. 85284. 85286. 85289. 85393. 85420. 85439. 85440. 85692. 85843. 85962. 86044. 86114. 86147. 86167. 86207. 87443. 88823. 89375. 89999. 90002. 90168. 90172. 90174. 90232. 90233. 90335. 90367. 90376. 90378. 90394. 90556. 90559. 90563. 90564. 90754. 90755. 90765. 91076. 93321. 95710.
---------	---	---

**Patents Sealed**

(1)

94098. 94105. 94116. 94219. 94772. 95074. 95117. 95183.  
95191. 95208. 95348. 95364. 95365. 95393. 95427. 95428.  
95475. 95553. 95556. 95620. 94621. 95676. 95693. 95803.  
95818. 95820. 96149. 96189. 96225. 96450.

(2)

89999. 92708. 93794. 93815. 93906. 94040. 94045. 94048.  
94051. 94076. 94094. 94110. 94125. 94138. 94172. 94175.  
94177. 94178. 94201. 94231. 94252. 94274. 94285. 94294.  
94299. 94317. 94318. 94384. 94400. 94401. 94412. 94415.  
94416. 94417. 94442. 94527. 94549. 94584. 94591. 94623.  
94707. 95734. 94782. 94831. 95000. 95102. 95226. 95231.  
95237. 95250. 95272. 95304. 95306. 95353. 95360. 95373.  
95387. 95411. 95414. 95432. 95458. 95505. 95529. 95562.  
95565. 95612. 95624. 95628. 95658. 95840. 95911. 96030.  
96395. 102195.

**Amendment Proceedings**

(1)

The Amendment proposed by Klockner-Humboldt-Deutz Aktiengesellschaft in respect of patent application No. 89751 as advertised in the Gazette of India, Part III, Section 2, dated the 4th June 1966 has been allowed.

(2)

The amendment proposed by Temescal Metallurgical Corporation in respect of patent application No. 94169 as advertised in the Gazette of India, Part III, Section 2, dated the 18th June 1966 has been allowed.

**Renewal Fees Paid**

45933. 45993. 46042. 46064. 46140. 46504. 46644. 48174.  
48181. 48233. 48324. 48406. 48416. 48647. 48688. 50339.  
50340. 50413. 50425. 50489. 50519. 50595. 50667. 50897.  
50961. 52737. 52842. 52861. 52863. 52949. 52958. 52975.  
52989. 52998. 53003. 53007. 53030. 53126. 53133. 53181.  
53193. 53237. 53279. 53327. 53600. 53601. 53659. 54188.  
54325. 55355. 55531. 55532. 55546. 55556. 55563. 55583.  
55634. 55646. 55650. 55652. 55698. 55699. 55711. 55714.  
55715. 55758. 55759. 55828. 55836. 55867. 56034. 56193.  
56468. 56976. 58539. 58699. 58712. 58728. 58750. 58760. 58775.  
58669. 58689. 58699. 58712. 58728. 58750. 58760. 58775.  
58788. 58795. 58802. 58823. 58827. 58836. 58886. 58896.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years, from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Copyright Extended for a Second Period of Five Years**

No. 127299. Class 1

No. 110518. Class 5

**Copyright Extended for a Third Period of Five Years**

No. 85798. Class 1.

No. 127299. Class 1.

A. JOGARAO  
Controller-General of Patents,  
Designs and Trade Marks.

